

DEPARTMENT OF TRANSPORTATION

DIVISION OF ENGINEERING SERVICES

Office of Structural Materials

Quality Assurance and Source Inspection



Bay Area Branch
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Contract #: 04-0120F4Cty: SF/ALA Rte: 80 PM: 13.2/13.9File #: 69.28**WELDING INSPECTION REPORT****Resident Engineer:**Siegenthaler, Peter**Address:** 333 Burma Road**City:** Oakland, CA 94607**Report No:** WIR-022242**Date Inspected:** 22-Mar-2011**Project Name:** SAS Superstructure**OSM Arrival Time:** 1500**Prime Contractor:** American Bridge/Fluor Enterprises, a JV**OSM Departure Time:** 300**Contractor:** Zhenhua Port Machinery Company, Ltd (ZPMC), Changxing Island **Location:** Shanghai, China**CWI Name:** See Below**CWI Present:** Yes No**Inspected CWI report:** Yes No N/A**Rod Oven in Use:** Yes No N/A**Electrode to specification:** Yes No N/A**Weld Procedures Followed:** Yes No N/A**Qualified Welders:** Yes No N/A**Verified Joint Fit-up:** Yes No N/A**Approved Drawings:** Yes No N/A**Approved WPS:** Yes No N/A**Delayed / Cancelled:** Yes No N/A**Bridge No:** 34-0006**Component:** OBG**Summary of Items Observed:**

Summary of Items Observed: On this date Caltrans OSM Quality Assurance (QA) Inspector, Mike Hasler was present during the times noted above for observations and testing relative to the work being performed.

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This QA inspector observed ZPMC in process of SMAW and FCAW welding on bike path assembly and cantilever beam assemblies. ZPMC OC inspector Shi Yu was present at this time of this observation and informed this QA inspector of the work that is in process and identified Xu Le Feng as the CWI. It was stated that ZPMC had 6 welders and identified the welders by ZPMC welder identification number appointed to then by ZPMC. This QA inspector verified this information for the following location;

Weld- BK15A-001-034

WPS-B-P-2213-TC-U4c

Welder- 500363

3G/SMAW/CJP

Cantilever Beam Assembly

WR16932

Weld- BK15A-001

WPS-345-FCAW-2G(2F)-ESAB-Repair

Welder- 057266

Base Metal Repair (BKX38E) Weld Build-up

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Cantilever Beam Assembly
WR20477
Weld- BK3001-001-002
WPS-345-SMAW-2G(2F)-Repair
Welder- 040365, 040581
2G/SMAW/CJP
Cantilever Beam Assembly

Weld- BK014A7-001-216
WPS-B-P-2213
Welder- 056364
3F/SMAW
Bike Path Assembly

Unless otherwise noted, all work observed on this date appeared to generally comply with applicable contract documents.

Summary of Conversations:

“As noted within the contents of this report.”

Comments

This report is for the purpose of determining conformance with the contract documents and is not for the purpose of making repair or fit for purpose recommendations. Should you require recommendations concerning repairs or remedial efforts please contact James Devey 1500026784, who represents the Office of Structural Materials for your project.

Inspected By:	Hasler, Mike	Quality Assurance Inspector
Reviewed By:	Riley, Ken	QA Reviewer
